



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

C45-K-HC
Job Sheet 174988



Part No: C45-K-HC

Job Qty: 1 ea

Part Name: C-Series Remote Hook 4,500 lbs Lift Capacity - Keeperless With Cage



Part Weight: 0 lbs

Status: Scheduled

Priority: Medium

Job Created: 3/26/18

Job Tracking No:

Due Date: 3/26/18

Created By: Linda Lacelle

Type: SOLD

Description:

Note: IPP Rev.A New issue 18.03.02 JFS Vrified by:DD Kit composed of C45-K & C45-C

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup hrs	Run Hrs	Workcenter / Supplier	Lead Time	
90	Start up Operation	1 Ea		3/24/18	0.00	0.00	Start Up Stores/Pkg-2		SD
100	Small Fab	1 pcs		3/26/18	0.00	0.50	Small Fab-9		AP
110	QC	1 pcs		3/26/18	0.00	0.00	QC5		18326
120	DC	1 pcs		3/26/18	0.00	0.00	DC		
140	Packaging	1 pcs		3/26/18	0.00	0.00	Packaging3		
150	QC21-FG	1 Ea		3/26/18	0.00	0.00	QC21		MAD 7 7 2018

Part Op **100** - Assemble the hook into the cage using the hardware called out on the C45-C drawing and torque fasteners to 290-Descriptions: 410 in. lbs.

120 - Photocopy blue file and create labels as per O&OPM-C45

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
C45-C	Single Cage Assembly (C45 & C60 Hook)	1 Ea (1 ea)	90-Start up Operation	5059912
C45-K	C-Series Remote Hook 4,500 lbs Lift Capacity - Keeperless	1 Ea (1 ea)	90-Start up Operation	9051354

Job Allocations

Operation	Component Part	Required	Inventory	Allocated
90-Start up Operation	C45-C	1	1	0
	C45-K	1	1	0

Part Specifications

Specifications could not be found.

Plex 3/26/18 9:05 AM dart.lacelle.linda

DQA: _____ Date: _____

WORK ORDER NON-CONFORMANCE / UPDATE



QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐		AGAINST DEPARTMENT/PROCESS <table style="width: 100%;"> <tr> <td>Skid-tube ☐</td> <td>Cross tube ☐</td> <td>Water Jet ☐</td> <td>Engineering ☐</td> </tr> <tr> <td>Machining ☐</td> <td>Small Fab ☐</td> <td>Prod. Eng. Coord. ☐</td> <td>Quality ☐</td> </tr> <tr> <td>Thermoforming ☐</td> <td>Finishing ☐</td> <td>Rec/Store/Packaging ☐</td> <td>Other ☐</td> </tr> <tr> <td>Large Fab ☐</td> <td>Composite ☐</td> <td>Supplier ☐</td> <td></td> </tr> </table>						Skid-tube ☐	Cross tube ☐	Water Jet ☐	Engineering ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐	Large Fab ☐	Composite ☐	Supplier ☐																																																																																							
Skid-tube ☐	Cross tube ☐	Water Jet ☐	Engineering ☐																																																																																																												
Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐																																																																																																												
Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐																																																																																																												
Large Fab ☐	Composite ☐	Supplier ☐																																																																																																													
Date : _____		Step # _____		MRB (QS1042) Approval																																																																																																											
Description Work Or _____				Disposition _____																																																																																																											
				Completed By _____																																																																																																											
				Lead hand / Supervisor Approval Verification _____																																																																																																											
				QC / QA Coordinator Approval _____																																																																																																											
<table style="width: 100%;"> <tr> <td colspan="2" style="width: 25%;">Root Cause</td> <td colspan="6"></td> </tr> <tr> <td>Environment ☐</td> <td>No Re-verification ☐</td> <td colspan="6"></td> </tr> <tr> <td>Design ☐</td> <td>Operator ☐</td> <td>Bending ☐</td> <td colspan="5"></td> </tr> <tr> <td>Doc/Data ☐</td> <td>Offset/Setup ☐</td> <td>Centre Not Concentric ☐</td> <td colspan="5"></td> </tr> <tr> <td>Equip/Tooling ☐</td> <td>Supplier ☐</td> <td>Cracks ☐</td> <td colspan="5"></td> </tr> <tr> <td>Handling/Pre ☐</td> <td>Training ☐</td> <td>Crimp/Kink/Ripple/Wave ☐</td> <td>Inspection ☐</td> <td colspan="4"></td> </tr> <tr> <td>Material ☐</td> <td>Use for Testing ☐</td> <td>Cuffs ☐</td> <td>Contamination ☐</td> <td colspan="4"></td> </tr> <tr> <td>Internal Transport ☐</td> <td>Poor Information ☐</td> <td>Crushing ☐</td> <td>Countersink ☐</td> <td colspan="4"></td> </tr> <tr> <td>Tribal Knowledge ☐</td> <td>Rushing ☐</td> <td>Heat Treat ☐</td> <td>Cut Too Short ☐</td> <td colspan="4"></td> </tr> <tr> <td>LOA ☐</td> <td>Product Improvement ☐</td> <td>Wave/Twist in Tube ☐</td> <td>Instructions Incomplete/Unclear ☐</td> <td colspan="4"></td> </tr> <tr> <td>Substation ☐</td> <td>Process Improvement ☐</td> <td>Marks/Chatter ☐</td> <td>Drill Holes ☐</td> <td colspan="4"></td> </tr> <tr> <td>Past Expiry Date ☐</td> <td>Manufacturing Process ☐</td> <td colspan="6"></td> </tr> <tr> <td>Misidentified ☐</td> <td>Past Due ☐</td> <td colspan="6">OTHER : _____</td> </tr> </table>								Root Cause								Environment ☐	No Re-verification ☐							Design ☐	Operator ☐	Bending ☐						Doc/Data ☐	Offset/Setup ☐	Centre Not Concentric ☐						Equip/Tooling ☐	Supplier ☐	Cracks ☐						Handling/Pre ☐	Training ☐	Crimp/Kink/Ripple/Wave ☐	Inspection ☐					Material ☐	Use for Testing ☐	Cuffs ☐	Contamination ☐					Internal Transport ☐	Poor Information ☐	Crushing ☐	Countersink ☐					Tribal Knowledge ☐	Rushing ☐	Heat Treat ☐	Cut Too Short ☐					LOA ☐	Product Improvement ☐	Wave/Twist in Tube ☐	Instructions Incomplete/Unclear ☐					Substation ☐	Process Improvement ☐	Marks/Chatter ☐	Drill Holes ☐					Past Expiry Date ☐	Manufacturing Process ☐							Misidentified ☐	Past Due ☐	OTHER : _____					
Root Cause																																																																																																															
Environment ☐	No Re-verification ☐																																																																																																														
Design ☐	Operator ☐	Bending ☐																																																																																																													
Doc/Data ☐	Offset/Setup ☐	Centre Not Concentric ☐																																																																																																													
Equip/Tooling ☐	Supplier ☐	Cracks ☐																																																																																																													
Handling/Pre ☐	Training ☐	Crimp/Kink/Ripple/Wave ☐	Inspection ☐																																																																																																												
Material ☐	Use for Testing ☐	Cuffs ☐	Contamination ☐																																																																																																												
Internal Transport ☐	Poor Information ☐	Crushing ☐	Countersink ☐																																																																																																												
Tribal Knowledge ☐	Rushing ☐	Heat Treat ☐	Cut Too Short ☐																																																																																																												
LOA ☐	Product Improvement ☐	Wave/Twist in Tube ☐	Instructions Incomplete/Unclear ☐																																																																																																												
Substation ☐	Process Improvement ☐	Marks/Chatter ☐	Drill Holes ☐																																																																																																												
Past Expiry Date ☐	Manufacturing Process ☐																																																																																																														
Misidentified ☐	Past Due ☐	OTHER : _____																																																																																																													